



What Role Do Real Estate Markets Play in the Decarbonization of Building Sector?

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Message from the Guest Editors

Dear Colleague,

Energy consumption in the real estate industry is one of the greatest contributors of all greenhouse gas emissions, it is mandatory to focus on the decarbonization process in the building sector. New green regulation policies are adopted on an urban scale, both on new development processes and on retrofitting programs of the existing built heritage.

The decarbonization process affects entire value chain of the building sector. Starting from the planning, design, and valuation process to construction, life-cycle management, upgrading, and demolition. However, building management operations such as cooling and heating are the most energy-consuming phase. All these stages must be monitored and regulated with a view to decarbonization, from the perspective of both policymakers and private investors.

This Special Issue intends to shed light on how real estate markets have responded and are currently reacting to the decarbonization process at all stages of construction, and on how new technologies, strategies, and methodologies can be applied to increase the sustainability of new buildings through their life cycles.





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